



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**REGION I**  
**5 POST OFFICE SQUARE, SUITE 100**  
**BOSTON, MASSACHUSETTS 02109-3912**

**URGENT LEGAL MATTER**  
**REQUIRES PROMPT RESPONSE**

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

**JUN 14 2012**

John F. Duclos, President  
Duclos Corporation  
1 Riverside Avenue, P.O. Box 300  
Somerset, MA 02726-0300

Re: Clean Air Act Reporting Requirement

Dear Mr. Duclos:

The United States Environmental Protection Agency ("EPA") is evaluating whether Duclos Corporation's Gladding-Hearn Shipyard located at 1 Riverside Avenue in Somerset, Massachusetts, is in compliance with the Clean Air Act ("CAA" or "Act") and requirements promulgated under the Act. Specifically, EPA is evaluating compliance with the National Emission Standards for Hazardous Air Pollutants for Shipbuilding and Ship Repair (the "Shipbuilding NESHAP") found at 40 CFR Part 63, Subpart II, as well as the Massachusetts State Implementation Plan ("SIP"), which includes federally-approved portions of Massachusetts' Air Pollution Control Regulations promulgated at 310 CMR 7.00.

Section 114(a)(1) of the Act, 42 U.S.C. § 7414(a)(1), gives EPA the authority to require any person who owns or operates any emission source to establish and maintain records, make reports, sample emissions, and provide such other information as may reasonably be required to enable EPA to determine whether such person is in compliance with the Act and its implementing regulations.

Duclos Corporation (Duclos) is required to provide the information listed in each numbered paragraph below within sixty (60) days of receipt of this letter. If Duclos does not possess some or all of the records or documents that respond to a specific request below, Duclos shall so indicate.

1. Provide the following information about Duclos Corporation:
  - a. Describe the ownership and business structure;
  - b. Indicate the date and state of incorporation;
  - c. List any partners or corporate officers; and
  - d. List any parent, divisions and subsidiary corporations and any related business entities;
2. Provide the following information for the facility located at 1 Riverside Avenue (hereafter referred to as the "Facility"):
  - a. The physical address;
  - b. The date that the Facility began operations;
  - c. The name and phone number of the plant manager;
  - d. The number of employees ;
  - e. The size in acres of the property;
  - f. The frontage on a navigable waterway, in feet; and
  - g. The name, address, and the date that operations began of any other facilities owned and/or operated by any of the corporate entities identified in 1.d above.
3. If Duclos purchased or acquired its business, equipment, or operations from another company that previously conducted similar work at the Facility:
  - a. Provide the name of the company, a description of that company's operations, the dates that the previous company operated at the Facility; and
  - b. Describe how Duclos came to acquire that company's business, equipment, or operations.
4. Provide the following information for the Facility:
  - a. A scaled diagram showing all the major features, including but not limited to the buildings, water frontage, and launches;
  - b. A description of each building and structure by its purpose and use, including but not limited to, any manufacturing areas, dry docks, spray booths, and painting areas;
  - c. The size and weight capacity for any ship/barge/boat launches or lifts;
  - d. The date that actual construction began on each building or other structure;
  - e. A description of the activities that are conducted within each building or other structure, including, but not limited to, vacuum molding and surface coating operations;
  - f. A description and the specific location of all activities, including but not limited to, surface coating operations, that are conducted outside of any building; and
  - g. A description of any heating, ventilation, air conditioning system, and any type of air pollution control system employed, e.g., particulate or overspray filters.
5. For each ship, barge, buoy, boat or other vessel (referred to below collectively as "Vessels") built, constructed, and/or painted by Duclos at the Facility from January 1, 2010 to December 31, 2011, provide the following information:



- a. The name of the Vessel;
- b. The type of Vessel (military, pleasure craft, commercial, etc.);
- c. The primary material of the Vessel (wood, steel, fiberglass, etc.);
- d. The basic dimensions of the Vessel (length, width, and depth in feet);
- e. The type of work conducted on the Vessel (construction or painting); and
- f. The types of coatings used on the Vessel, if applicable (see the categories specified in 40 CFR Part 63, Subpart II, Table 2, or the definitions section of 40 CFR Part 63, Subpart VVVV where applicable).

To provide your response, please use the enclosed blank spreadsheet labeled "Vessels" or an equivalent spreadsheet format.

6. For each coating or resin that Duclos has purchased for the Facility from January 1, 2010 to December 31, 2011, provide the following information:
  - a. The name of the coating or resin;
  - b. The type of the coating (e.g., paints, thinners, cleaners, latex products, solvents, fairing compounds, adhesives – see the categories specified in 40 CFR Part 63, Subpart II, Table 2, or the definitions section of 40 CFR Part 63, Subpart VVVV where applicable) or resin (e.g., gel coat, skin coat, resin, hardener, filler, promoter, catalyst);
  - c. Indicate if the coating contains nickel, cadmium, lead, manganese, chrome, and/or methylene chloride;
  - d. The total Volatile Organic Compound ("VOC") content of the coating in lbs VOC per gallon of coating. The VOC content must come from the manufacturer of the coating. If the manufacturer provides a range, use the upper bound of the range;
  - e. The total Hazardous Air Pollutant ("HAP") content of the coating in lbs HAP per gallon of coating. The HAP content must come from the manufacturer of the coating. If the manufacturer provides a range, use the upper bound of the range;
  - f. The coating density in pounds of coating per gallon of coating; and
  - g. The annual amount of coating/resin purchased each year (in gallons).

To provide your response, please use the enclosed blank spreadsheet labeled "Coatings - As Purchased" or an equivalent spreadsheet format.

7. Provide the pounds of VOCs emitted annually from the Facility for each year from 2007 through 2011.
8. Provide the pounds of HAPs emitted annually from the Facility for each year from 2007 through 2011.
9. From January 1, 2010 to December 31, 2011, estimate the maximum hours per day, days per week, and weeks per year Duclos painted and coated hulls, decks, and components of Vessels and other items at the Facility. In addition:
  - a. Explain the reasons for the current painting schedule; and
  - b. Explain any physical and/or operational limitations that would prevent Duclos from painting 24 hours/day, 7 days/week, 52 weeks/year.

10. Describe the methods by which coatings are applied at the Facility, including the methods that each paint and other coating is applied (e.g., brush, roller, spray gun) by type of part and product produced. For each method, also provide an explanation as to why different methods are used in different circumstances
11. List the spray guns currently used at the Facility. For each individual spray gun, provide the following information:
  - a. The manufacturer;
  - b. The model number;
  - c. The nozzles used;
  - d. The actual operating pressure range by nozzle used (in pounds per square inch);
  - e. The maximum flow rate (in gallons per hour); and
  - f. The month and year of acquisition or purchase.

To provide your response, please use the enclosed blank spreadsheet labeled "Spray Guns" or an equivalent spreadsheet format.

12. For each temporary or permanent spray booth at the Facility from January 2010 to the present, provide the following information:
  - a. The name/identifier and location of the spray booth;
  - b. The date that actual construction began on the spray booth;
  - c. The date that actual construction was completed on the spray booth;
  - d. The date that any surface coating operations began in the spray booth;
  - e. A description of any air pollution control equipment ;
  - f. A description of any best management practices utilized to limit air pollution from the spray booth; and

To provide your response, please use the enclosed blank spreadsheet labeled "Spray Booths" or an equivalent spreadsheet format.

13. Describe, if applicable, any and all grinding and sandblasting activities at the Facility.
  - a. Include in the description the locations of such activities, and any measures Duclos takes to minimize or control the emissions of particulates or other pollutants to the ambient air from such activities; and
  - b. Include the type of equipment used to grind or sandblast, including the grit size and capacity of the equipment (e.g., pounds per hour).
14. Provide copies of all correspondence Duclos (or any of its predecessors) has had with state and/or federal environmental agencies regarding emissions of air pollutants at the Facility, including, but not limited to, copies of:
  - a. All permit applications;
  - b. All permits issued; and
  - c. Any requests for permit modifications.

Submissions required by this letter shall be mailed to:



Susan Studlien, Director  
Office of Environmental Stewardship  
US Environmental Protection Agency, New England  
5 Post Office Square, Suite 100  
Boston, Massachusetts 02109  
Attn: Steve Calder (OES 04-2)

Be aware that if Duclos does not provide the information in a timely manner, EPA may order it to comply and may assess monetary penalties under Section 113 of the Clean Air Act. Federal law also establishes criminal penalties for providing false information to EPA. This letter is not subject to Office of Management and Budget review pursuant to the Paperwork Reduction Act, 44 U.S.C. Chapter 35.

You may assert a business confidentiality claim covering part or all of the information requested, in the manner described by 40 CFR § 2.203(b). Information covered by such a claim will be disclosed by EPA only to the extent, and by means of the procedures, set forth in 40 CFR Part 2, Subpart B. Note that certain categories of information, such as emission data, are not properly the subject of such a claim. If no such claim accompanies the information when EPA receives it, EPA may make the information available to the public without further notice to you.

If you have any questions regarding this Reporting Requirement, please contact Environmental Engineer, Steve Calder, at (617) 918-1744, or have your attorney call Senior Enforcement Counsel Thomas T. Olivier, at (617) 918-1737.

Sincerely,



Susan Studlien, Director  
Office of Environmental Stewardship

cc: Gregg Hunt, MassDEP

Enclosures